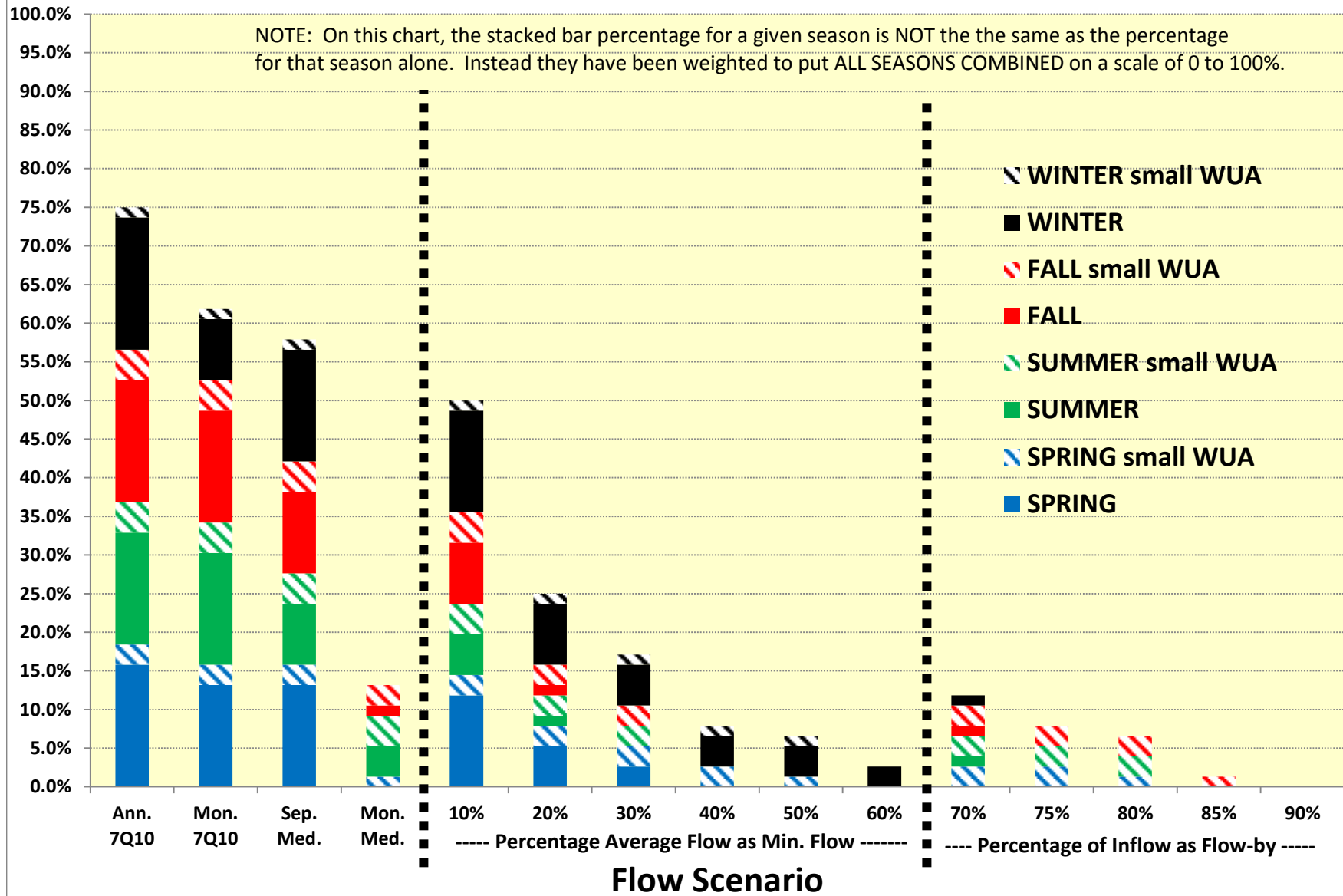


# Buckhorn Creek - Percentage (weighted equally for each season) of 19 Guilds/Species with Less Than 80% of Unregulated Index B Value



# BUCKHORN CREEK

If seasonal Index B value is < 80% of unregulated value, and seasonal unregulated Index B >= 1000, then table shows a "1".  
 If seasonal Index B value is < 80% of unregulated value, and seasonal unregulated Index B < 1000, then table shows a "0.01".

Season	SPRING
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April - June

Numbers in Red indicate low amount of habitat (seasonal unregulated index B < 1,000).

Guild		Traditional Minimum Flow				Percent Mean Annual Flow						Percent Flow-by				
		Ann. 7Q10	Mon. 7Q10	Sep. Med.	Mon. Med.	10%	20%	30%	40%	50%	60%	70%	75%	80%	85%	90%
Shallow	SSYOY															
	SSVEG															
	SSWOOD															
	SSCOARSE															
	SSFINENC															
	SFLOWVEL	1														
	SFMODEVEL	1	1	1		1	1									
	SFHIVEL	0.01	0.01	0.01		0.01	0.01	0.01	0.01			0.01	0.01			
Deep	DSCOV	1	1	1		1										
	DSCOV2	1														
	DSNC	1	1	1		1										
	DFFINE	1	1	1		1	1	1								
	DFGRCOB	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01		0.01	0.01	0.01		
	DFCOARSE	1	1	1		1	1	1								
Other	AMSHJ	1	1	1		1	1									
	ROBRHS															
	GORHA	1	1	1		1										
	GORHJ	1	1	1		1	1									
	AMSS4															
	EPHEM	1	1	1												
	PLECO	1	1	1		1										
	TRIC1	1	1	1		1										
	MACLR															
Total out of 19		12.02	10.02	10.02	0.01	9.02	4.02	2.02	0.02	0.01	0	0.02	0.02	0.01	0	0
total > 1000 WUA		12	10	10	0	9	4	2	0	0	0	0	0	0	0	0
total < 1000 WUA		2	2	2	1	2	2	2	2	1	0	2	2	1	0	0
Total out of 19		14	12	12	1	11	6	4	2	1	0	2	2	1	0	0
% for just this season		73.7%	63.2%	63.2%	5.3%	57.9%	31.6%	21.1%	10.5%	5.3%	0.0%	10.5%	10.5%	5.3%	0.0%	0.0%
% weighted equally for each season		18.4%	15.8%	15.8%	1.3%	14.5%	7.9%	5.3%	2.6%	1.3%	0.0%	2.6%	2.6%	1.3%	0.0%	0.0%
% > 1000 WUA		15.8%	13.2%	13.2%	0.0%	11.8%	5.3%	2.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
% < 1000 WUA		2.6%	2.6%	2.6%	1.3%	2.6%	2.6%	2.6%	2.6%	1.3%	0.0%	2.6%	2.6%	1.3%	0.0%	0.0%

unregulated Index B
2845
12437
12493
3245
10962
2118
1288
54
5876
10559
4838
4125
548
4916
4561
6361
4714
14235
5760
13356

# BUCKHORN CREEK

Table shows percentage of unregulated Index B value achieved by flow scenario

Season **SPRING**

April - June

Highlighted cells are those >120% or < 80%

Guild		Traditional Minimum Flow				Minimum = Percent Mean Annual Flow						Percent Flow-by				
		Ann. 7Q10	Mon. 7Q10	Sep. Med.	Mon. Med.	10%	20%	30%	40%	50%	60%	70%	75%	80%	85%	90%
Shallow	SSYOY	193.2%	175.7%	189.3%	106.1%	169.0%	117.3%	109.8%	104.5%	98.7%	97.0%	115.9%	112.6%	109.7%	107.0%	104.5%
	SSVEG	90.0%	107.0%	112.9%	106.8%	114.6%	117.0%	113.9%	109.1%	104.5%	101.7%	104.8%	104.0%	103.2%	102.4%	101.7%
	SSWOOD	92.8%	109.1%	115.1%	107.5%	116.5%	118.1%	114.3%	109.3%	104.8%	101.7%	105.5%	104.6%	103.7%	102.7%	101.8%
	SSCOARSE	189.6%	182.0%	187.7%	114.9%	174.0%	149.1%	129.4%	109.7%	101.4%	93.9%	120.6%	116.6%	113.3%	109.4%	106.4%
	SSFINENC	82.7%	105.5%	109.3%	108.0%	112.5%	122.5%	121.7%	115.0%	105.5%	101.6%	105.0%	104.3%	103.4%	102.5%	101.7%
	SFLOWVEL	29.7%	91.0%	110.3%	115.1%	119.8%	133.3%	131.6%	122.4%	113.4%	107.5%	105.3%	104.7%	103.8%	103.0%	102.1%
	SFMODEVEL	5.1%	41.3%	48.1%	100.5%	54.0%	75.5%	92.4%	104.1%	112.2%	116.1%	88.4%	90.8%	93.0%	95.0%	96.8%
	SFHIVEL	0.0%	11.1%	11.1%	81.5%	14.8%	25.9%	48.1%	72.2%	90.7%	107.4%	72.2%	77.8%	81.5%	87.0%	90.7%
Deep	DSCOV	35.6%	55.0%	54.6%	102.0%	61.2%	90.5%	102.5%	106.0%	101.8%	108.7%	92.0%	93.7%	95.2%	96.6%	97.9%
	DSCOV2	65.7%	85.7%	89.5%	104.0%	92.7%	103.4%	108.1%	109.3%	107.6%	106.4%	99.0%	99.3%	99.6%	99.8%	99.8%
	DSNC	17.1%	59.5%	65.7%	109.4%	73.7%	98.9%	120.3%	123.2%	117.5%	117.4%	95.7%	96.8%	97.8%	98.5%	99.3%
	DDFINE	1.3%	27.7%	29.2%	87.6%	34.9%	57.1%	73.8%	86.7%	95.1%	103.2%	81.0%	84.6%	88.1%	91.3%	94.4%
	DFGRCOB	0.0%	4.6%	0.2%	68.4%	0.5%	13.0%	38.7%	60.4%	78.3%	93.8%	64.6%	70.8%	76.8%	83.0%	88.7%
	DFCOARSE	28.7%	48.8%	50.7%	87.9%	54.6%	69.3%	79.0%	86.3%	92.4%	97.2%	84.9%	87.5%	90.2%	92.8%	95.2%
Other	AMSHJ	1.0%	31.3%	34.8%	89.1%	18.3%	70.1%	83.2%	90.5%	94.7%	98.0%	83.6%	86.6%	89.6%	92.4%	95.0%
	ROBRHS															
	GORHA	35.6%	59.9%	62.8%	94.7%	67.3%	83.5%	91.9%	96.7%	99.5%	101.3%	91.3%	93.0%	94.6%	96.1%	97.5%
	GORHJ	20.0%	45.1%	45.9%	92.1%	51.2%	72.5%	85.3%	94.0%	100.4%	103.8%	87.1%	89.6%	92.0%	94.2%	96.2%
	AMSS4															
	EPHEM	43.6%	73.5%	78.5%	103.5%	84.0%	101.0%	106.4%	108.3%	109.2%	107.7%	97.0%	97.7%	98.4%	98.9%	99.4%
	PLECO	3.8%	49.9%	54.2%	104.0%	65.4%	99.5%	110.5%	114.9%	116.0%	112.6%	93.5%	95.1%	96.4%	97.5%	98.5%
	TRIC1	36.2%	64.4%	68.6%	99.9%	74.3%	91.6%	98.3%	101.8%	104.4%	105.5%	93.9%	95.2%	96.4%	97.4%	98.4%
	MACLR															
AVERAGE		48.6%	71.5%	75.9%	99.2%	78.9%	90.4%	98.0%	101.2%	102.4%	104.2%	94.1%	95.3%	96.3%	97.4%	98.3%
MEDIAN		32.6%	59.7%	64.2%	102.8%	70.5%	95.3%	104.5%	105.3%	103.1%	103.5%	93.7%	95.1%	96.4%	97.5%	98.5%
MINIMUM		0.0%	4.6%	0.2%	68.4%	0.5%	13.0%	38.7%	60.4%	78.3%	93.8%	64.6%	70.8%	76.8%	83.0%	88.7%
MAXIMUM		193.2%	182.0%	189.3%	115.1%	174.0%	149.1%	131.6%	123.2%	117.5%	117.4%	120.6%	116.6%	113.3%	109.4%	106.4%

# BUCKHORN CREEK

If seasonal Index B value is < 80% of unregulated value, and seasonal unregulated Index B >= 1000, then table shows a "1".

If seasonal Index B value is < 80% of unregulated value, and seasonal unregulated Index B < 1000, then table shows a "0.01".

Season **SUMMER**

July - September

Numbers in **Red** indicate low amount of habitat (seasonal unregulated index B < 1,000).

Guild		Traditional Minimum Flow				Percent Mean Annual Flow						Percent Flow-by				
		Ann. 7Q10	Mon. 7Q10	Sep. Med.	Mon. Med.	10%	20%	30%	40%	50%	60%	70%	75%	80%	85%	90%
Shallow	SSYOY															
	SSVEG															
	SSWOOD															
	SSCOARSE															
	SSFINENC															
	SFLOWVEL	1	1													
	SFMODVEL	0.01	0.01	0.01	0.01	0.01										
	SFHIVEL	0.01	0.01	0.01	0.01	0.01	0.01	0.01				0.01	0.01	0.01		
Deep	DSCOV	1	1	1		1										
	DSCOV2	1	1													
	DSNC	1	1													
	DFFINE	1	1	1	1	1	1					1				
	DFGRCOB	0.01	0.01	0.01	0.01	0.01	0.01	0.01				0.01	0.01	0.01		
	DFCOARSE	1	1	1	1	1										
Other	AMSHJ	1	1	1	1	1										
	ROBRHS															
	GORHA	1	1	1												
	GORHJ	1	1	1	1	1										
	AMSS4															
	EPHEM	1	1													
	PLECO	1	1	1												
	TRIC1	1	1													
	MACLR															
	Total out of 19		11.03	11.03	6.03	3.03	4.03	1.02	0.02	0	0	0	1.02	0.02	0.02	0
total > 1000 WUA		11	11	6	3	4	1	0	0	0	0	1	0	0	0	0
total < 1000 WUA		3	3	3	3	3	2	2	0	0	0	2	2	2	0	0
Total out of 19		14	14	9	6	7	3	2	0	0	0	3	2	2	0	0
% for just this season		73.7%	73.7%	47.4%	31.6%	36.8%	15.8%	10.5%	0.0%	0.0%	0.0%	15.8%	10.5%	10.5%	0.0%	0.0%
% weighted equally for each season		18.4%	18.4%	11.8%	7.9%	9.2%	3.9%	2.6%	0.0%	0.0%	0.0%	3.9%	2.6%	2.6%	0.0%	0.0%
% > 1000 WUA		14.5%	14.5%	7.9%	3.9%	5.3%	1.3%	0.0%	0.0%	0.0%	0.0%	1.3%	0.0%	0.0%	0.0%	0.0%
% < 1000 WUA		3.9%	3.9%	3.9%	3.9%	3.9%	2.6%	2.6%	0.0%	0.0%	0.0%	2.6%	2.6%	2.6%	0.0%	0.0%

unregulated Index B
4264
12943
13198
4953
11149
1846
791
19
4029
9456
3503
2149
177
3210
2549
4728
3014
11698
3817
10288

# BUCKHORN CREEK

Table shows percentage of unregulated Index B value achieved by flow scenario

Season **SUMMER**

July - September

Highlighted cells are those >120% or < 80%

Guild		Traditional Minimum Flow				Minimum = Percent Mean Annual Flow						Percent Flow-by				
		Ann. 7Q10	Mon. 7Q10	Sep. Med.	Mon. Med.	10%	20%	30%	40%	50%	60%	70%	75%	80%	85%	90%
Shallow	SSYOY	128.9%	130.3%	128.8%	115.9%	120.0%	99.6%	97.5%	95.1%	93.0%	92.4%	108.4%	106.8%	105.5%	104.0%	102.7%
	SSVEG	86.5%	87.9%	105.8%	107.2%	106.8%	107.9%	106.1%	103.7%	101.3%	99.3%	99.8%	99.9%	99.9%	100.0%	100.0%
	SSWOOD	87.8%	89.2%	106.3%	107.6%	107.3%	107.8%	105.8%	103.3%	100.9%	98.0%	100.1%	100.1%	100.2%	100.1%	100.1%
	SSCOARSE	124.2%	124.9%	124.3%	117.2%	118.4%	108.7%	101.8%	95.0%	92.0%	89.3%	107.6%	106.3%	105.0%	103.6%	102.3%
	SSFINENC	81.3%	83.0%	104.1%	107.5%	106.2%	112.0%	110.4%	106.9%	102.1%	99.9%	99.0%	99.2%	99.5%	99.6%	99.8%
	SFLOWVEL	34.0%	39.6%	114.1%	123.2%	121.2%	130.4%	126.5%	120.9%	115.5%	112.1%	99.0%	100.4%	96.4%	97.5%	98.4%
	SFMODEVEL	8.3%	11.8%	67.5%	76.9%	73.8%	94.1%	108.8%	119.0%	125.9%	129.3%	84.2%	87.2%	90.1%	92.8%	95.3%
	SFHIVEL	0.0%	0.0%	21.1%	31.6%	26.3%	47.4%	73.7%	110.5%	136.8%	157.9%	68.4%	73.7%	78.9%	84.2%	89.5%
Deep	DSCOV	51.8%	51.8%	71.3%	81.7%	77.3%	101.4%	110.3%	112.1%	106.4%	115.2%	89.4%	91.4%	93.2%	95.0%	96.7%
	DSCOV2	73.4%	74.8%	96.0%	99.6%	98.4%	105.3%	108.1%	108.6%	106.3%	105.3%	96.8%	97.5%	98.1%	98.5%	99.0%
	DSNC	23.6%	27.3%	80.8%	91.4%	88.0%	108.4%	124.1%	124.4%	116.6%	115.4%	89.2%	91.3%	93.3%	95.1%	96.8%
	DDFINE	2.6%	4.9%	47.1%	58.4%	54.2%	79.0%	96.0%	109.2%	117.7%	126.4%	78.1%	82.1%	86.1%	89.8%	93.5%
	DFGRCOB	0.0%	0.0%	0.6%	2.3%	1.1%	23.2%	65.5%	101.1%	131.1%	157.6%	59.9%	66.7%	73.4%	80.8%	87.6%
	DFCOARSE	44.0%	45.6%	72.4%	78.5%	76.3%	89.4%	97.3%	103.2%	108.2%	112.2%	87.7%	89.9%	92.1%	94.2%	96.2%
Other	AMSS2	1.8%	4.1%	31.9%	68.1%	62.1%	89.8%	102.4%	109.3%	113.3%	117.5%	80.1%	83.8%	87.4%	90.8%	94.0%
	ROBRHS															
	GORHA	47.9%	49.8%	78.9%	85.1%	82.8%	95.6%	101.6%	105.0%	107.0%	108.4%	90.7%	92.4%	94.1%	95.7%	97.3%
	GORHJ	31.3%	33.1%	65.1%	74.0%	70.5%	90.0%	100.7%	107.9%	113.2%	116.1%	86.0%	88.6%	91.1%	93.5%	95.8%
	AMSS4															
	EPHEM	53.1%	55.3%	89.1%	95.9%	93.5%	105.6%	109.2%	110.4%	110.9%	109.1%	93.5%	94.8%	96.0%	97.1%	98.2%
	PLECO	5.8%	9.1%	69.0%	86.2%	80.0%	110.2%	119.1%	122.6%	123.1%	116.7%	85.4%	88.2%	90.9%	93.3%	95.6%
	TRIC1	47.0%	49.0%	82.5%	89.8%	87.2%	100.5%	105.1%	107.5%	109.3%	110.1%	91.6%	93.2%	94.7%	96.1%	97.5%
	MACLR															
AVERAGE		46.7%	48.6%	78.8%	84.9%	82.6%	95.3%	103.5%	108.8%	111.5%	114.4%	89.7%	91.7%	93.3%	95.1%	96.8%
MEDIAN		45.5%	47.3%	79.9%	88.0%	85.0%	101.0%	105.5%	108.2%	110.1%	112.1%	90.0%	91.9%	93.7%	95.4%	97.0%
MINIMUM		0.0%	0.0%	0.6%	2.3%	1.1%	23.2%	65.5%	95.0%	92.0%	89.3%	59.9%	66.7%	73.4%	80.8%	87.6%
MAXIMUM		128.9%	130.3%	128.8%	123.2%	121.2%	130.4%	126.5%	124.4%	136.8%	157.9%	108.4%	106.8%	105.5%	104.0%	102.7%

# BUCKHORN CREEK

If seasonal Index B value is < 80% of unregulated value, and seasonal unregulated Index B >= 1000, then table shows a "1".

If seasonal Index B value is < 80% of unregulated value, and seasonal unregulated Index B < 1000, then table shows a "0.01".

Season	<b>FALL</b>
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**Oct & Nov**

Numbers in **Red** indicate low amount of habitat (seasonal unregulated index B < 1,000).

Guild		Traditional Minimum Flow				Percent Mean Annual Flow						Percent Flow-by				
		Ann. 7Q10	Mon. 7Q10	Sep. Med.	Mon. Med.	10%	20%	30%	40%	50%	60%	70%	75%	80%	85%	90%
Shallow	SSYOY															
	SSVEG															
	SSWOOD															
	SSCOARSE															
	SSFINENC	1														
	SFLOWVEL	1	1													
	SFMODVEL	0.01	0.01	0.01		0.01										
	SFHIVEL	0.01	0.01	0.01	0.01	0.01	0.01	0.01				0.01	0.01	0.01		
Deep	DSCOV	1	1	1		1										
	DSCOV2	1	1													
	DSNC	1	1	1												
	DFFINE	1	1	1	1	1	1					1				
	DFGRCOB	0.01	0.01	0.01	0.01	0.01	0.01	0.01				0.01	0.01	0.01	0.01	
	DFCOARSE	1	1	1		1										
Other	AMSHJ	1	1	1	1	1										
	ROBRHS															
	GORHA	1	1	1		1										
	GORHJ	1	1	1		1										
	AMSS4															
	EPHEM	1	1													
	PLECO	1	1	1		1										
	TRIC1	1	1	1												
	MACLR															
Total out of 19		12.03	11.03	8.03	1.02	6.03	1.02	0.02	0	0	0	1.02	0.02	0.02	0.01	0
total > 1000 WUA		12	11	8	1	6	1	0	0	0	0	1	0	0	0	0
total < 1000 WUA		3	3	3	2	3	2	2	0	0	0	2	2	2	1	0
Total out of 19		15	14	11	3	9	3	2	0	0	0	3	2	2	1	0
% for just this season		78.9%	73.7%	57.9%	15.8%	47.4%	15.8%	10.5%	0.0%	0.0%	0.0%	15.8%	10.5%	10.5%	5.3%	0.0%
% weighted equally for each season		19.7%	18.4%	14.5%	3.9%	11.8%	3.9%	2.6%	0.0%	0.0%	0.0%	3.9%	2.6%	2.6%	1.3%	0.0%
% > 1000 WUA		15.8%	14.5%	10.5%	1.3%	7.9%	1.3%	0.0%	0.0%	0.0%	0.0%	1.3%	0.0%	0.0%	0.0%	0.0%
% < 1000 WUA		3.9%	3.9%	3.9%	2.6%	3.9%	2.6%	2.6%	0.0%	0.0%	0.0%	2.6%	2.6%	2.6%	1.3%	0.0%

unregulated Index B
3848
13145
13348
4527
11503
2141
954
27
4518
10004
4078
2657
239
3628
3132
5240
3501
12799
4617
11411

# BUCKHORN CREEK

Table shows percentage of unregulated Index B value achieved by flow scenario

Season **FALL**

October & November

Highlighted cells are those >120% or < 80%

Guild		Traditional Minimum Flow				Minimum = Percent Mean Annual Flow						Percent Flow-by				
		Ann. 7Q10	Mon. 7Q10	Sep. Med.	Mon. Med.	10%	20%	30%	40%	50%	60%	70%	75%	80%	85%	90%
Shallow	SSYOY	142.8%	149.6%	141.8%	108.9%	130.0%	102.5%	99.6%	96.5%	94.0%	93.3%	111.3%	109.3%	107.1%	105.4%	103.2%
	SSVEG	85.1%	91.2%	105.8%	108.2%	107.1%	108.6%	106.7%	103.9%	101.1%	99.1%	100.8%	100.8%	100.7%	100.6%	100.4%
	SSWOOD	86.8%	92.7%	106.8%	108.5%	107.9%	108.8%	106.5%	103.7%	100.7%	98.4%	101.3%	101.1%	101.0%	100.8%	100.6%
	SSCOARSE	135.9%	139.1%	135.5%	117.4%	127.8%	114.9%	106.0%	97.5%	94.1%	91.1%	111.8%	109.7%	107.6%	105.8%	103.9%
	SSFINENC	78.8%	85.7%	102.9%	110.6%	105.4%	112.2%	111.1%	107.3%	102.1%	99.3%	100.1%	100.2%	100.3%	100.2%	100.2%
	SFLOWVEL	29.3%	50.0%	104.9%	120.2%	112.3%	122.0%	119.7%	114.2%	109.1%	106.1%	97.2%	98.0%	98.5%	99.1%	99.6%
	SFMODVEL	6.9%	19.3%	61.1%	83.4%	67.4%	88.1%	102.6%	112.2%	118.4%	121.4%	84.3%	87.4%	90.1%	92.9%	95.4%
	SFHIVEL	0.0%	3.7%	18.5%	40.7%	25.9%	44.4%	70.4%	100.0%	122.2%	140.7%	66.7%	74.1%	77.8%	85.2%	92.6%
Deep	DSCOV	46.2%	46.2%	65.7%	90.9%	72.0%	97.4%	106.5%	108.4%	102.5%	111.2%	89.0%	91.2%	93.2%	95.0%	96.7%
	DSCOV2	69.4%	75.1%	92.9%	101.8%	95.6%	103.6%	106.8%	107.4%	105.3%	104.7%	96.8%	97.5%	98.0%	98.6%	99.0%
	DSNC	20.3%	33.9%	74.3%	97.8%	81.8%	103.3%	119.3%	120.0%	113.4%	113.2%	90.2%	92.2%	94.0%	95.6%	97.1%
	DDFINE	2.1%	10.2%	42.1%	68.1%	49.0%	73.6%	90.1%	102.2%	109.7%	116.9%	77.4%	81.6%	85.5%	89.4%	93.1%
	DFGRCOB	0.0%	0.0%	0.4%	17.2%	1.3%	20.5%	58.2%	87.9%	111.7%	131.8%	56.5%	63.6%	70.7%	78.2%	85.4%
	DFCOARSE	38.9%	45.1%	66.7%	81.8%	70.9%	85.1%	93.4%	99.4%	104.2%	107.8%	86.1%	88.6%	91.0%	93.3%	95.6%
Other	AMSHJ	1.4%	10.1%	44.9%	78.9%	57.0%	84.6%	96.8%	103.2%	106.8%	110.3%	80.1%	83.8%	87.3%	90.6%	93.9%
	ROBRHS															
	GORHA	43.3%	50.4%	74.1%	89.2%	78.4%	92.5%	99.0%	102.4%	104.4%	105.7%	90.0%	91.9%	93.7%	95.5%	97.0%
	GORHJ	27.0%	33.8%	59.2%	80.7%	64.9%	85.4%	96.4%	103.4%	108.4%	111.0%	84.9%	87.7%	90.4%	93.0%	95.4%
	AMSS4															
	EPHEM	48.5%	57.1%	84.8%	100.1%	89.7%	103.2%	107.1%	108.4%	109.0%	107.0%	93.8%	95.1%	96.3%	97.4%	98.4%
	PLECO	4.8%	16.6%	62.8%	97.6%	73.8%	104.5%	113.3%	116.5%	117.1%	110.9%	86.9%	89.5%	92.0%	94.2%	96.2%
	TRIC1	42.4%	50.3%	77.7%	94.2%	82.9%	97.5%	102.6%	105.0%	106.7%	107.5%	91.5%	93.2%	94.8%	96.2%	97.6%
	MACLR															
	AVERAGE	45.5%	53.0%	76.3%	89.8%	80.1%	92.6%	100.6%	105.0%	107.1%	109.4%	89.8%	91.8%	93.5%	95.4%	97.1%
	MEDIAN	40.7%	48.1%	74.2%	95.9%	80.1%	100.0%	104.3%	103.8%	106.8%	107.7%	90.1%	92.1%	93.8%	95.5%	97.1%
	MINIMUM	0.0%	0.0%	0.4%	17.2%	1.3%	20.5%	58.2%	87.9%	94.0%	91.1%	56.5%	63.6%	70.7%	78.2%	85.4%
	MAXIMUM	142.8%	149.6%	141.8%	120.2%	130.0%	122.0%	119.7%	120.0%	122.2%	140.7%	111.8%	109.7%	107.6%	105.8%	103.9%

# BUCKHORN CREEK

If seasonal Index B value is < 80% of unregulated value, and seasonal unregulated Index B >= 1000, then table shows a "1".  
 If seasonal Index B value is < 80% of unregulated value, and seasonal unregulated Index B < 1000, then table shows a "0.01".

Season **WINTER**

Dec - March

Numbers in **Red** indicate low amount of habitat (seasonal unregulated index B < 1,000).

Guild		Traditional Minimum Flow				Percent Mean Annual Flow						Percent Flow-by				
		Ann. 7Q10	Mon. 7Q10	Sep. Med.	Mon. Med.	10%	20%	30%	40%	50%	60%	70%	75%	80%	85%	90%
Shallow	SSYOY															
	SSVEG															
	SSWOOD															
	SSCOARSE															
	SSFINENC															
	SFLOWVEL	1														
	SFMODEVEL	1	1	1		1	1									
	SFHIVEL	0.01	0.01	0.01		0.01	0.01	0.01	0.01	0.01						
Deep	DSCOV	1		1		1										
	DSCOV2	1														
	DSNC	1		1		1										
	DFFINE	1	1	1		1	1	1	1	1						
	DFGRCOB	1	1	1		1	1	1	1	1	1	1				
	DFCOARSE	1	1	1		1	1	1	1	1	1					
Other	AMSHJ	1	1	1		1	1	1	1	1						
	ROBRHS															
	GORHA	1	1	1		1	1									
	GORHJ	1	1	1		1	1	1								
	AMSS4															
	EPHEM	1		1												
	PLECO	1		1		1										
	TRIC1	1		1		1										
	MACLR															
Total out of 19		13.01	6.01	11.01	0	10.01	6.01	4.01	3.01	3.01	2	1	0	0	0	0
total > 1000 WUA		13	6	11	0	10	6	4	3	3	2	1	0	0	0	0
total < 1000 WUA		1	1	1	0	1	1	1	1	1	0	0	0	0	0	0
Total out of 19		14	7	12	0	11	7	5	4	4	2	1	0	0	0	0
% for just this season		73.7%	36.8%	63.2%	0.0%	57.9%	36.8%	26.3%	21.1%	21.1%	10.5%	5.3%	0.0%	0.0%	0.0%	0.0%
% weighted equally for each season		18.4%	9.2%	15.8%	0.0%	14.5%	9.2%	6.6%	5.3%	5.3%	2.6%	1.3%	0.0%	0.0%	0.0%	0.0%
% > 1000 WUA		17.1%	7.9%	14.5%	0.0%	13.2%	7.9%	5.3%	3.9%	3.9%	2.6%	1.3%	0.0%	0.0%	0.0%	0.0%
% < 1000 WUA		1.3%	1.3%	1.3%	0.0%	1.3%	1.3%	1.3%	1.3%	1.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

unregulated Index B
1890
9419
9057
1232
7833
1342
1600
108
6645
9987
4558
6577
1526
7946
7019
7858
6444
14222
5940
14933



# BUCKHORN CREEK

Table shows percentage of unregulated Index B value achieved by flow scenario

Season **WINTER**

December - March

Highlighted cells are those >120% or < 80%

Guild		Traditional Minimum Flow				Minimum = Percent Mean Annual Flow						Percent Flow-by				
		Ann. 7Q10	Mon. 7Q10	Sep. Med.	Mon. Med.	10%	20%	30%	40%	50%	60%	70%	75%	80%	85%	90%
Shallow	SSYOY	290.8%	179.0%	284.9%	103.1%	252.6%	161.3%	144.3%	131.3%	114.3%	108.9%	110.3%	108.1%	106.2%	104.4%	102.9%
	SSVEG	118.8%	148.5%	149.1%	104.6%	151.5%	155.1%	149.5%	139.5%	128.7%	121.3%	113.7%	111.0%	108.5%	106.1%	104.0%
	SSWOOD	128.0%	155.9%	158.8%	106.0%	160.9%	163.4%	156.3%	145.2%	134.0%	125.5%	116.2%	113.0%	110.0%	107.3%	104.7%
	SSCOARSE	499.3%	340.8%	494.2%	108.9%	456.3%	378.9%	301.3%	210.3%	167.6%	125.2%	144.0%	134.4%	125.7%	117.9%	111.3%
	SSFINENC	115.8%	166.8%	153.0%	105.1%	157.8%	174.0%	172.9%	157.3%	134.7%	124.3%	117.7%	114.3%	110.9%	107.9%	105.1%
	SFLOWVEL	46.8%	199.7%	174.4%	110.0%	190.1%	214.5%	211.5%	187.9%	162.8%	146.5%	128.7%	123.2%	118.0%	113.0%	108.5%
	SFMODEVEL	4.1%	74.1%	38.8%	114.4%	43.8%	64.4%	84.7%	101.4%	114.1%	120.7%	100.1%	100.6%	100.7%	100.8%	100.6%
	SFHIVEL	0.0%	25.9%	5.6%	109.3%	7.4%	14.8%	30.6%	51.9%	70.4%	88.0%	86.1%	88.9%	91.7%	94.4%	96.3%
Deep	DSCOV	31.4%	88.7%	48.4%	103.4%	54.5%	85.1%	100.9%	107.3%	101.7%	111.2%	100.7%	100.8%	100.7%	100.6%	100.4%
	DSCOV2	69.5%	112.9%	94.6%	105.0%	98.3%	111.6%	118.9%	121.4%	118.9%	116.4%	106.3%	105.2%	104.2%	103.1%	102.1%
	DSNC	18.1%	125.5%	69.8%	104.8%	78.7%	110.4%	144.6%	152.6%	142.5%	142.1%	111.8%	109.8%	107.7%	105.7%	103.8%
	DDFINE	0.8%	46.4%	18.4%	103.4%	22.1%	38.7%	54.3%	68.6%	78.9%	89.8%	90.0%	92.3%	94.3%	96.0%	97.5%
	DFGRCOB	0.0%	17.4%	0.1%	93.2%	0.3%	6.4%	21.8%	37.0%	51.0%	64.2%	77.7%	82.1%	86.3%	90.2%	93.6%
	DFCOARSE	17.8%	48.6%	31.4%	93.1%	34.0%	44.7%	53.7%	61.7%	69.1%	75.4%	85.0%	87.9%	90.7%	93.2%	95.6%
Other	AMSHJ	8.6%	52.2%	22.8%	95.5%	28.8%	48.9%	61.5%	69.9%	75.2%	81.1%	88.2%	90.5%	92.7%	94.8%	96.6%
	ROBRHS															
	GORHA	28.8%	73.2%	50.9%	99.9%	54.7%	70.3%	80.3%	87.1%	91.6%	94.7%	95.3%	96.3%	97.2%	98.1%	98.8%
	GORHJ	14.6%	61.5%	33.6%	102.7%	37.7%	56.3%	70.1%	81.3%	90.5%	95.7%	93.8%	95.3%	96.5%	97.6%	98.5%
	AMSS4															
	EPHEM	43.7%	103.8%	78.6%	107.5%	84.5%	104.4%	112.4%	115.7%	117.5%	116.5%	104.9%	104.2%	103.4%	102.6%	101.7%
	PLECO	3.7%	102.1%	52.7%	110.5%	64.1%	103.0%	118.6%	126.1%	128.8%	125.2%	106.6%	105.7%	104.6%	103.5%	102.4%
	TRIC1	32.4%	85.9%	61.4%	105.3%	66.7%	85.0%	93.9%	99.4%	103.9%	106.0%	99.6%	99.9%	100.0%	100.1%	100.1%
	MACLR															
AVERAGE		73.3%	110.4%	101.1%	104.3%	102.2%	109.6%	114.1%	112.6%	109.8%	108.9%	103.8%	103.2%	102.5%	101.9%	101.2%
MEDIAN		30.1%	95.4%	57.0%	104.9%	65.4%	94.1%	106.6%	111.5%	114.2%	113.8%	102.8%	102.5%	102.1%	101.7%	101.2%
MINIMUM		0.0%	17.4%	0.1%	93.1%	0.3%	6.4%	21.8%	37.0%	51.0%	64.2%	77.7%	82.1%	86.3%	90.2%	93.6%
MAXIMUM		499.3%	340.8%	494.2%	114.4%	456.3%	378.9%	301.3%	210.3%	167.6%	146.5%	144.0%	134.4%	125.7%	117.9%	111.3%